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(FILE 'HOME' ENTERED AT 11:05:13 ON 15 OCT 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE' ENTERED AT 11:05:30 ON 15 OCT 2004

| | |
|----|---|
| L1 | 44 S EFFICIN? |
| L2 | 1478478 S EFFICIEN? |
| L3 | 1198766 S TRANSFORM? |
| L4 | 913112 S COLI OR ESCHERICHIA |
| L5 | 1568 S L2 (S) L3 (S) L4 |
| L6 | 1592232 S MUTANT? OR MUTAT? |
| L7 | 365 S L5 (S) L6 |
| L8 | 291 DUPLICATE REMOVE L7 (74 DUPLICATES REMOVED) |
| L9 | 211 S L8 NOT PY=>1998 |

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE' ENTERED AT 12:38:17 ON 15 OCT 2004

L1 1478478 S EFFICIEN?
L2 1439319 S FREQUENCY
L3 1198766 S TRANSFORM?
L4 913112 S COLI OR ESCHERICHIA
L5 1592232 S MUTANT? OR MUTAT?
L6 114 S L1 (S) L2 (S) L3 (S) L4
L7 2869822 S L1 OR L2
L8 550 S L7 (S) L3 (S) L4 (S) L5
L9 434 DUPLICATE REMOVE L8 (116 DUPLICATES REMOVED)
L10 336 S L9 NOT PY>1998
L11 302 S L9 NOT PY>1996

=> log y

COST IN U.S. DOLLARS

| L Number | Hits | Search Text | DB | Time stamp |
|-------------|---------|--|---|---------------------|
| 4 | 1 | ("5512468").PN. | USPAT | 2004/10/15 09:20 |
| 6 | 225418 | transformation | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/15 09:18 |
| 7 | 6003540 | high | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/15 09:18 |
| 8 | 2496395 | efficien\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/15 09:18 |
| 9 | 2439 | transformation with high with efficien\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/15 09:19 |
| 10 | 96045 | coli or escherichia | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/15 09:19 |
| 11 | 205 | (transformation with high with efficien\$) with (coli or escherichia) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/15 09:32 |
| 12 | 107432 | mutant or mutation or mutated | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/15 09:32 |
| 13 | 22 | (mutant or mutation or mutated) with transformation with high with efficien\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/15 09:36 |
| 14 | 83 | (mutant or mutation or mutated) same transformation same high .SAME efficien\$ same (coli or escherichia) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/10/15 09:37 |